11 Publication number:

0 323 136 A3

12

EUROPEAN PATENT APPLICATION

2 Application number: 88312174.1

22 Date of filing: 22.12.88

(a) Int. Cl.4: **B 01 J 29/32** // B01J29/12

.

30 Priority: 29.12.87 US 139211

Date of publication of application: 05.07.89 Bulletin 89/27

Designated Contracting States:
 BE DE FR GB IT NL

BB Date of deferred publication of search report: 30.08.89 Bulletin 89/35

7 Applicant: MOBIL OIL CORPORATION 150 East 42nd Street New York New York 10017 (US)

Inventor: Ryan, Francis Xavier
Rd. No.1 Box 263A
Lambertville New Jersey 08530 (US)

Von Ballmoos, Roland 144, Route 518 Hopewell New Jersey 08525 (US)

(74) Representative: Colmer, Stephen Gary
Patent Department c/o Mobil Services Company Limited
Mobil Court 3 Clements Inn
London WC2A 2EB (GB)

A method of preparing a noble metal containing zeolite catalyst.

A method is disclosed which provides improved control over the noble-metal exchange of zeolite catalyst by using bulky organic bases to control pH during the metal loading step.

EP 0 323 136 A3

EUROPEAN SEARCH REPORT

Application Number

EP 88 31 2174

| | | | | | EP | 88 31 | 217 |
|--|---|--------------------------|---------------------------------|--|-----------------------|-----------------------|-----|
| | DOCUMENTS CO | NSIDERED TO | BE RELEVANT | | | | |
| Category | Citation of document with indication, where appropriate, of relevant passages Relevant to claim | | | CLASSIFICATION OF THE APPLICATION (Int. Cl. 4) | | | |
| A | US-A-3 554 900 | (E. BOWES) | | <u> </u> | | ··· (Int. Ci. 4 | ·) |
| A | GB-A-1 266 781 ENGINEERING) | (ESSO RESEARCH | & | | B 01 J B 01 J | 29/32 29/12 | // |
| A | US-A-3 314 895 | (G.W. MUNNS) | | | | | |
| A | US-A-3 404 192 | (S.M. KOVACH) | | | | | |
| Α | DE-A-2 650 161 | (TEXACO DEVELO | PMENT) | : | | | |
| | | | | | | | |
| | | | | | | | |
| ļ | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | TECHNICAL SEARCHED | FIELDS (Int. Cl.4) | |
| | | | | | B 01 J | 29/00 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| ··· | The present search report ha | as been drawn up for all | claims | | | | |
| THE HACKE | | ł · | pletion of the search | | Examiner | | |
| 15 00 1303 | | | -1989 | DEVISME F.R. | | | |
| CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background T: theory or principle underlying the in E: earlier patent document, but publish after the filling date D: document cited in the application L: document cited for other reasons | | | | ned on, or | | | |
| P: interr | written disclosure nediate document | | & : member of the same document | patent family, | corresponding | ************* | |
| | | | | | | | |

EPO FORM 1503 03.82 (P0401)